

## APPENDIX C: GLOSSARY OF TERMS

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<b>Abstract</b>	A short textual description of an RA's functions and capabilities.
<b>Analyze</b>	A function available in the DSRS application which allows the user to view and compare the metric values for one or more RAs in graphical form.
<b>Asset</b>	Any product which supports the software development life-cycle and resides in the DSRS.
<b>Browse</b>	A function available in the DSRS application which allows the user to view RA information such as a File List, Metrics, and Related RA List.
<b>Catalog URL</b>	The description of the World Wide Web (WWW) server location required to launch the WWW viewer software from the DSRS.
<b>Client</b>	The software operating on a user's workstation that communicates with the DSRS repository server.
<b>Domain</b>	A category assigned to an RA which defines an area to which that RA is most applicable. A domain category represents the highest level search criteria available for an RA within the DSRS application.
<b>Ethernet</b>	A form of local area network technology used with TCP/IP.
<b>Extract</b>	A function available in the DSRS application that allows the user to obtain RAs from the DSRS repository.
<b>Metric</b>	A numerical value assigned to a characteristic of an RA.
<b>RA</b>	An RA or reusable asset is a product that has potential to be used more than once. Types of reusable assets include architectures, designs, software, test suites, software tools, document type definitions, documents and templates, and reuse library support items.

<b>RA Catalog</b>	<p><u>On-Line</u> -An on-line catalog which contains a listing of all available RA's and provides the RA Name and RA ID number. This catalog may be extracted directly from the DSRS repository and printed.</p> <p><u>WWW</u> - A copy of the DSRS catalog which resides on the DSRS Home Page on the World Wide Web and contains a listing of all available RA's.</p> <p><u>Local</u> - A "local catalog" refers to a DSRS system generated catalog which resides on a user's local PC. This catalog is generated by a user's RA searches which builds and stores an 'RA list'.</p>
<b>RA ID</b>	An identifier assigned to a reusable asset which consists of eight alphanumeric characters followed by a period and a version number. The first two characters identify the site owning the reusable asset.
<b>RA Name</b>	A descriptive title given to a reusable asset.
<b>Related RA</b>	A reusable asset associated with another reusable asset by a relationship defined in the DSRS.
<b>Repository</b>	A database containing RA entries and all associated files and references.
<b>Server</b>	The computer where the DSRS database and software reside and communicate with the user's PC (client software).
<b>Session</b>	Refers to all the sequential steps a user has performed to obtain a specific RA List.
<b>Site</b>	A physical location that contains a server where an installation of the DSRS software and database reside.
<b>Source</b>	The primary file of an RA. For example, the source files for a software RA would most likely contain the source code or the executable.
<b>System Administrator</b>	An individual who maintains: (1) the computer system on which DSRS is operating, and (2) the tools that are required for the execution of the DSRS, such as the ORACLE database.
<b>TCP Port</b>	A value specifying the socket at which the DSRS client can make a connection with the DSRS server.
<b>Telnet</b>	A TCP/IP application for remote terminal emulation.

**UID**

A Unique Identifier (UID) that supports interaction with foreign (non-DSRS) sites.

**Viewer**

An external application identified by the user, and launched within the DSRS, which permits viewing of various file types. Applications such as Mosaic or Netscape may be selected to browse the WWW to view the DSRS catalog. An application such as vi or emacs (commonly available with UNIX) may be selected to view readable files associated with RAs.